


Computer Controlled Mechanical Electronic Universal Testing Machine WDW-50 (ISO7500-1999)

Specifications:

Model No.	WDW- 50 (Full computer controlled UTM 50kN)
Machine Type:	Floor type, Twin columns structure.
Max Load Capacity:	50kN [0.4% ~ 100% of total test load (0.2kN ~ 50kN)]
Basic Test type:	Tensile, bending, compressing and shearing, LCF etc.
Specimen shape:	Flat, Block, Round stick etc.
Crosshead displacement velocity:	0.005mm/min ~ 500mm/min stepless control
Accuracy:	Better than 1%
Resolution:	0.01mm
Dimension of Load frame:	1000mm x 730mm x 2090mm
Net Weight of Main body:	750kG
Power supply:	380V 50 Hz



Overload protect High accuracy Force transducer (Load cell).

Cross head displacement restrict, Un-tangency photoelectric transducer Safe and reliable to control


Manual Wedge tensile grip, firmly hold the specimen.

A separate control box is set to provide multi-controlling of Crosshead up/down and emergency stop.

High accuracy photoelectric coder

Analogical instrument technology with friendly operation interface.

Direct™ Controller with inner set ISA/PCI amplifier perfectly achieves the Plug & Plug and Open & Close loop control. Constant speed strain control for the testing process.



Standard Accessory



Standard Delivery of WDW series

Tension grip jaws	1 set
Grips for round specimen:	4pcs for each
Grips for flat specimen:	4pcs for each
Compression test attachment:	1 set
Bending test attachment:	1 set
Shearing test attachment:	1 set
Tool kit:	1 set
Extensometer: (50mm 25mm)	1 set
Photoelectric coder:	1 pc
Transformer:	1 pc
Load cell:	1 pc
Data-processing system:	1 set
Printer:	1 set
Computer table:	1 set
Servo speed adjusting system for WDW	1 set
Servo speed adjusting motor for WDW	1 set

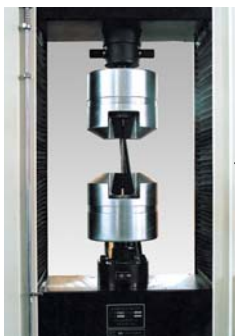
Documents provide:

1. User's Manual for WDW-50.
2. User's Manual for the Software WinWDW®
3. Computer's Documents issued by Manufacturer Lenovo™
4. Certification for eligibility
5. Packing List



Guarantee: 01 year

Optional Accessory: Automatic Hydraulic Wedge Tensile attachment



High pressure Gear Oil Pump provides a constant hydraulic clamping force up to 0-21Mpa, which is adjustable.
 90mm x 90mm of the clamping surface will fit for most of the specimen.
 Power: 1.5kW
 Standard delivery include four sets grips (Flat and Cylindrical) that is optional (0--40mm Flat; 12--40mm Cylindrical)
 LCF Testing available.

Optional Accessory: Elevated Temperature Furnace



High Temperature Provided up to 1100° C
Opposite clamping structure
Constant temperature hold accuracy $\pm 2^{\circ}$ C
Dim of Testing area: $\Phi 90 \times 400$
Dim of Furnace: $\Phi 327 \times 420$
Heating Speed: 20~30° C / min
High temperature Extensometer is included